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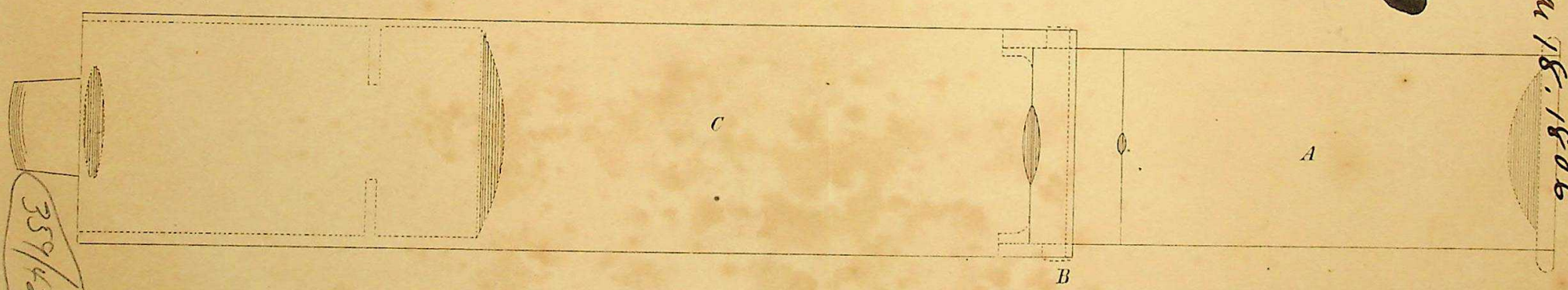
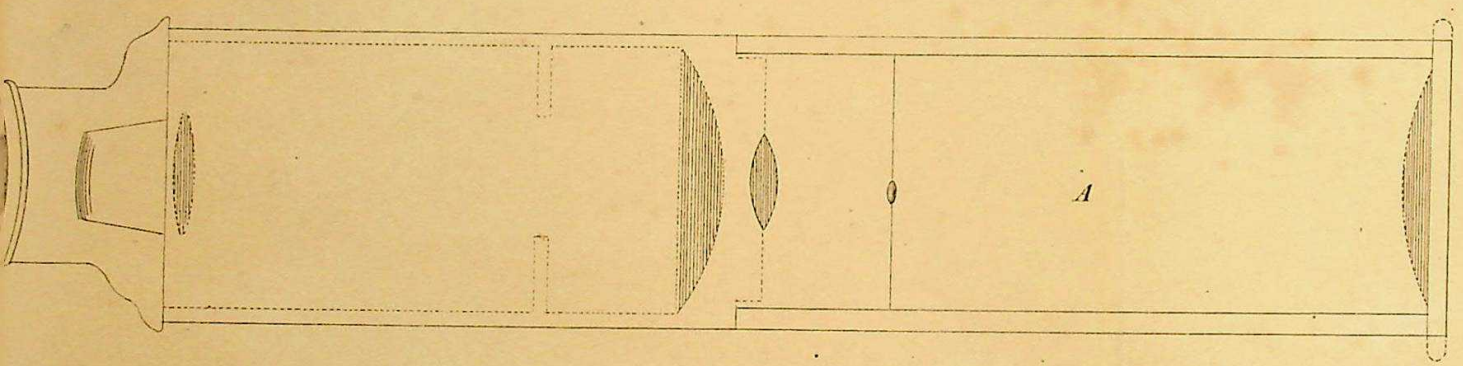
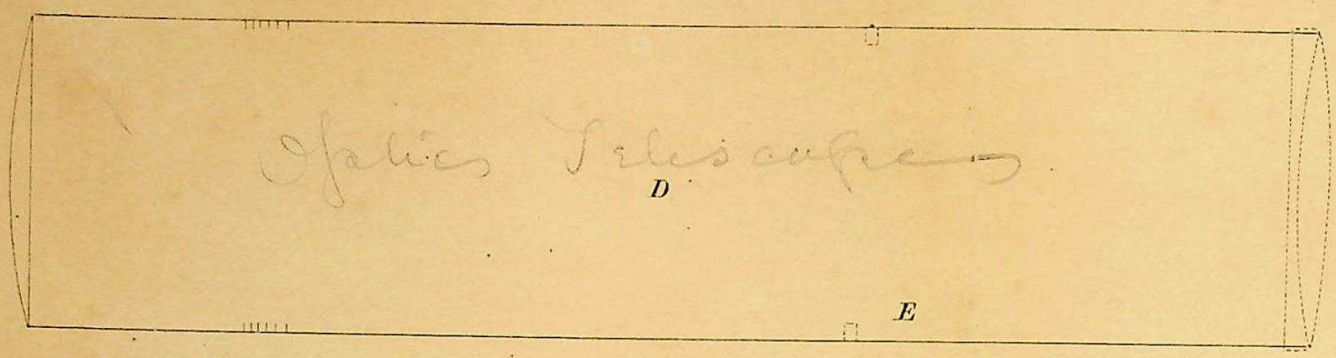
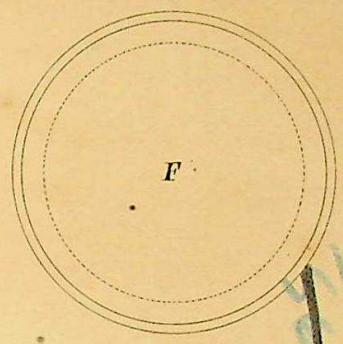
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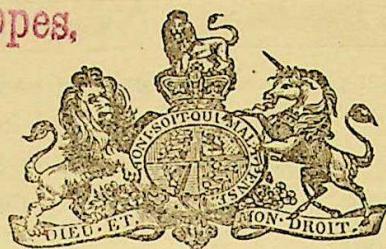


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The enrolled drawing is not colored.

Drawn on Stone by M.

88. OPTICS,
Telescopes.



Optics
Telescopes

A.D. 1806 N° 2918.

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Telescopes.

WEST & BRUCE'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, CHARLES ROBERT WEST, of Plough Court, Fetter Lane, in the City of London, Optician, and WILLIAM BRUCE, of King's Head Court, Shoe Lane, in the City of London aforesaid, Optical Turner, send greeting.

5 WHEREAS His most Excellent Majesty King George the Third, by His Letters Patent under the Great Seal of the United Kingdom of Great Britain and Ireland, bearing date at Westminster, the Twenty-first day of March, in the forty-sixth year of His reign, did give and grant unto the said Charles Robert West and William Bruce, our exors, admors, and assigns,
10 His especial licence, full power, sole privilege and authority, that we, the said Charles Robert West and William Bruce, our exors, admors, and assigns, during the term of fourteen years therein mentioned, should and lawfully might make, exercise, and vend within that part of His said Majesty's Kingdom of Great Britain and Ireland called England, His Dominion of
15 Wales, and Town of Berwick-upon-Tweed, our Invention of "CERTAIN IMPROVEMENTS IN DAY OR NIGHT TELESCOPES, WHEREBY THE SAME WILL BE RENDERED MORE PORTABLE THAN THEY NOW ARE;" in which said Letters Patent there is contained a proviso, obliging us, the said Charles Robert West and William Bruce, or one of us, particularly to describe and ascertain the nature of our
20 said Invention, and in what manner the same is to be performed, by an

West & Bruce's Improvements in Day or Night Telescopes.

instrument in writing under our hands and seals, or under the hand and seal of one of us, and to cause the same to be inrolled in His Majesty's High Court of Chancery within one calendar month next and immediately after the date of the said recited Letters Patent, as in and by the same, relation being thereunto had, will more fully and at large appear. 5

NOW KNOW YE, that in compliance with the said proviso, we, the said Charles Robert West and William Bruce, do hereby describe and ascertain the nature of our said Invention, and in what manner the same is to be performed, by the Drawings in the margin hereof, and the following description thereof, that is to say :— 10

Our improved day or night telescope is, so constructed as to be rendered more portable and steady than any telescope of this kind now in use ; and we gain this portability by making a small draw or sliding tube, as at A, which contains the third and fourth eye glasses, and which draw or tube is conducted through the collar B, and is made to screw into the bottom part of 15 the draw C. The third cell is so constructed as to have a bearing in the inside of the draw C, and the fourth cell is so constructed as to have a bearing in the inside of the draw D, so that it is not possible for the draw or sliding tube A ever to get out of the parallel line of the other glasses, which is the case with other telescopes. The small draw or sliding tube A when pulled out 20 strikes against collar E, which is constructed or made inside the draw D, and by that means separates the glasses to a proportionate distance. The stop F screws or fastens on to the bottom of the draw D, or the same may occasionally be screwed or fastened to one of the other draws, which will have the same effect in preventing the small draw or sliding tube A from striking against the 25 object glass, and at the same time force the draw A into its proper position when shut up ; or the portability may be equally gained by screwing the small draw or sliding tube A into the bottom of draw D. And further, we do make the fourth glass accromatic, which assists in giving a greater proportion of light to the instrument. In every other respect the telescope is 30 made as usual.

In witness whereof, we, the said Charles Robert West and William Bruce, have hereunto set our hands and seals, this Twenty-first day of April, in the year of our Lord One thousand eight hundred and six. 35

CHAS^S ROBT^T WEST. (L.S.)
WILLIAM BRUCE. (L.S.)

West & Bruce's Improvements in Day or Night Telescopes.

AND BE IT REMEMBERED, that on the Twenty-first day of April, in the year of our Lord 1806, the aforesaid Charles Robert West and William Bruce came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and every thing therein
5 contained and specified, in form above written. And also the Specification aforesaid was stampd according to the tenor of the Statute made for that purpose.

Pepys.

Inrolled the Twenty-first day of April, in the year of our Lord One thousand eight hundred and six.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1856.

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